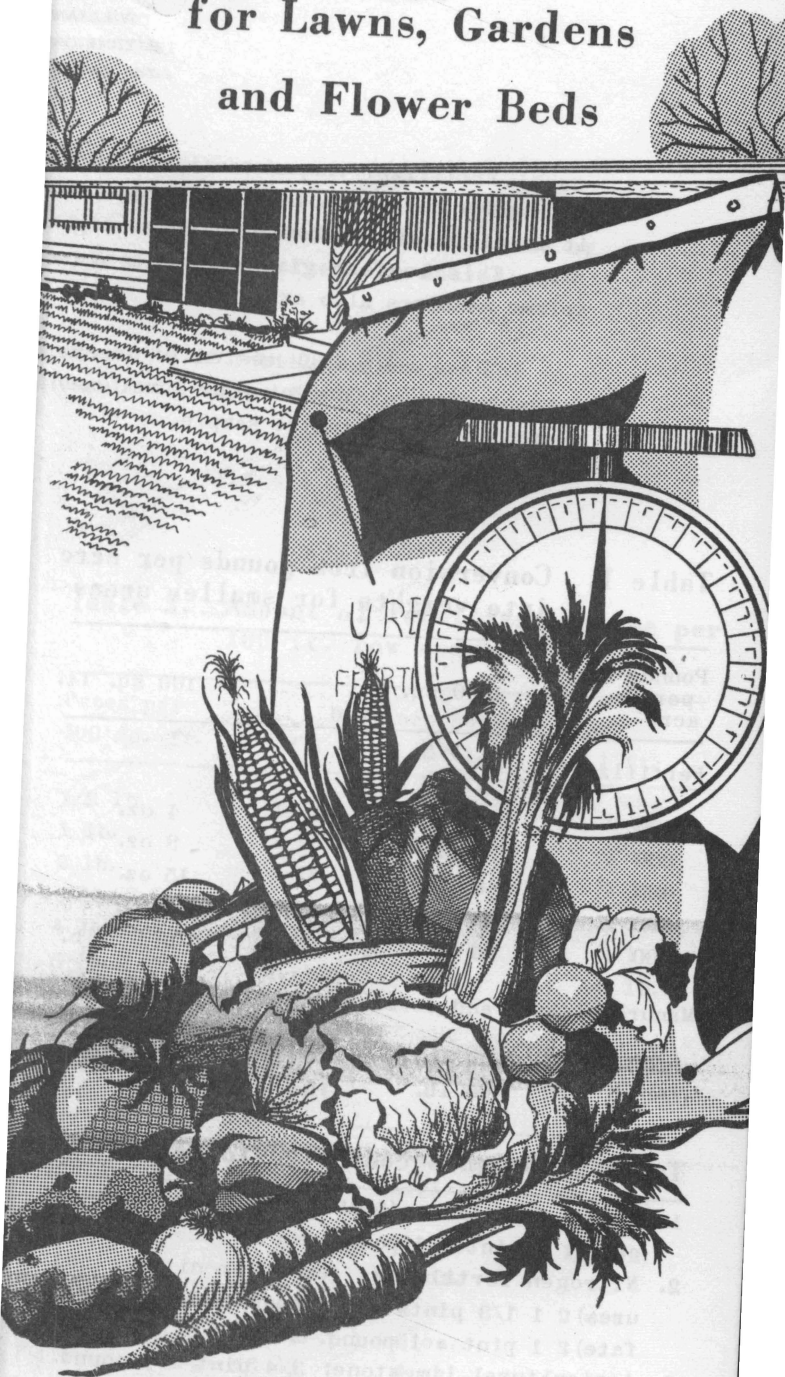


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Fertilizer Conversion Tables for Lawns, Gardens and Flower Beds



THE AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS
TEXAS AGRICULTURAL EXTENSION SERVICE
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FERTILIZER CONVERSION TABLES FOR LAWNS, GARDENS AND FLOWER BEDS

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Fertilizer recommendations often are given on a pounds-per-acre basis. In applying fertilizer to home lawns, gardens, flower beds and compost piles, frequently it is difficult to convert these weights into proper amounts for smaller areas or rows. This leaflet gives these conversions. Since scales often are unavailable, volume measures also are given.

Have your soil tested to determine the amount of fertilizer needed for your lawn or garden. Contact your local county agricultural agent for information on how to get a representative sample.

Table 1. Conversion from pounds per acre into weights for smaller areas

Pounds per acre	1000 sq. ft.	100 sq. ft.
Fertilizer:		
100	2 1/2 lb.	4 oz.
200	5 lb.	8 oz.
400	9 lb.	15 oz.
800	18 1/2 lb.	2 lb.
1000	23 lb.	2 1/2 lb.
Manure, leaves and straw:		
8000	200 lb.	20 lb.
16000	400 lb.	40 lb.

Table 2. Weights converted to measure

1. Common fertilizer (6-12-6, 10-10-10, 0-20-0, etc.): 1 pint = 1 pound.
2. Nitrogen fertilizers (ammonium nitrate and urea): 1 1/3 pints = 1 pound; (ammonium sulfate): 1 pint = 1 pound.
3. Agricultural limestone: 3/4 pint = 1 pound.
4. Manure (packed): 1 bushel = 30 pounds.
5. Straw or leaves (dry and tightly packed): 2 bushels = 30 pounds.

Table 3. Amount of fertilizer to use per 100 ft. row space

Rates per 100 sq. ft.	Distance between rows		
	3 ft.	2 ft.	1 ft.
1/2 lb.	1 1/2 lb.	1 lb.	8 oz.
1 lb.	3 lb.	2 lb.	16 oz.
2 lb.	6 lb.	4 lb.	2 lb.
3 lb.	9 lb.	6 lb.	3 lb.
4 lb.	12 lb.	8 lb.	4 lb.
5 lb.	15 lb.	10 lb.	5 lb.

Table 4. Amount of fertilizer to use per plant

Pounds per 100 sq. ft.	5x5 ft.	Spacings 2 1/2 x 2 1/2 ft.	2x1 1/2 ft.
1/2 lb.	2 oz.*	1 oz.	1/2 oz.
1 lb.	4 oz.	2 oz.	1 oz.
2 lb.	8 oz.	4 oz.	2 oz.
3 lb.	12 oz.	6 oz.	3 oz.
4 lb.	16 oz.	8 oz.	4 oz.
5 lb.	20 oz.	10 oz.	5 oz.

*1 ounce = 2 tablespoons

REFERENCES

(Available from your county agricultural agent)

- B-70 Vegetable Gardening
- B-203 Home Lawns
- L-164 Soil Reaction Preference of Some Plants
- D-495 Soil Sampling Information Sheet for
 Lawns, Gardens and Flower Beds
- TAP-1 Roses for Texas
- TAP-19 Gladiolus for Texas Gardens
- TAP-34 The Culture of Gardenias in Texas
- TAP-63 Chrysanthemums for Texas Gardens